

Initial Infrastructure Setup Watson Studio

IBM


Create User Account

<https://cloud.ibm.com/login>

IBM Cloud

cloud.ibm.com/login

IBM Cloud



Log in to IBM Cloud

Don't have an account? [Create an account](#)

Enter your IBMid [Forgot ID?](#)

Continue →

☐ Remember ID

[Log in with SoftLayer ID](#)

Create User Account

IBM Cloud



Already have an IBM Cloud account? [Log in](#)

Create an account

1. Account information

Email

Enter an email address.

Password

Next ↓

2. Verify email

3. Personal information

Create account →

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Create User Account

Create a free account

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Email

miusuario@gmail.com



This email address is associated with an IBMid. You'll log in to your IBM Cloud account with this IBMid.

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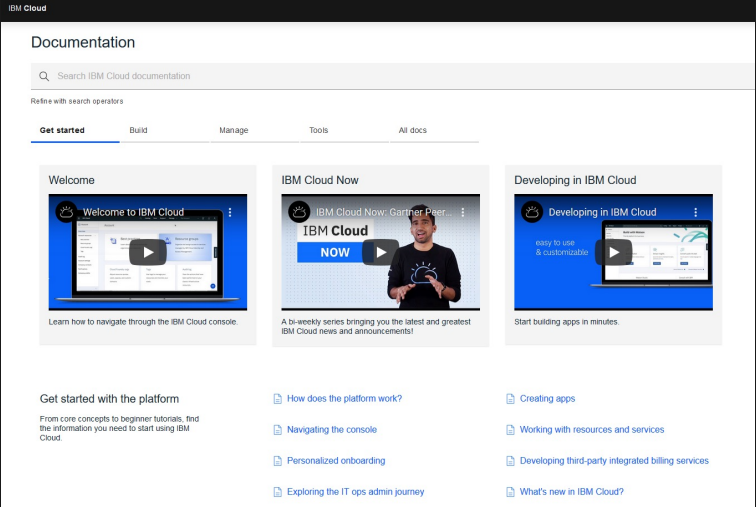
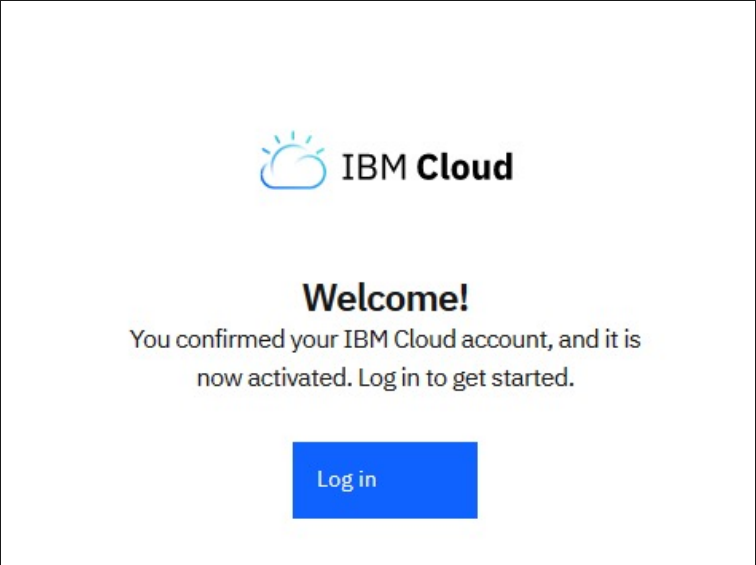
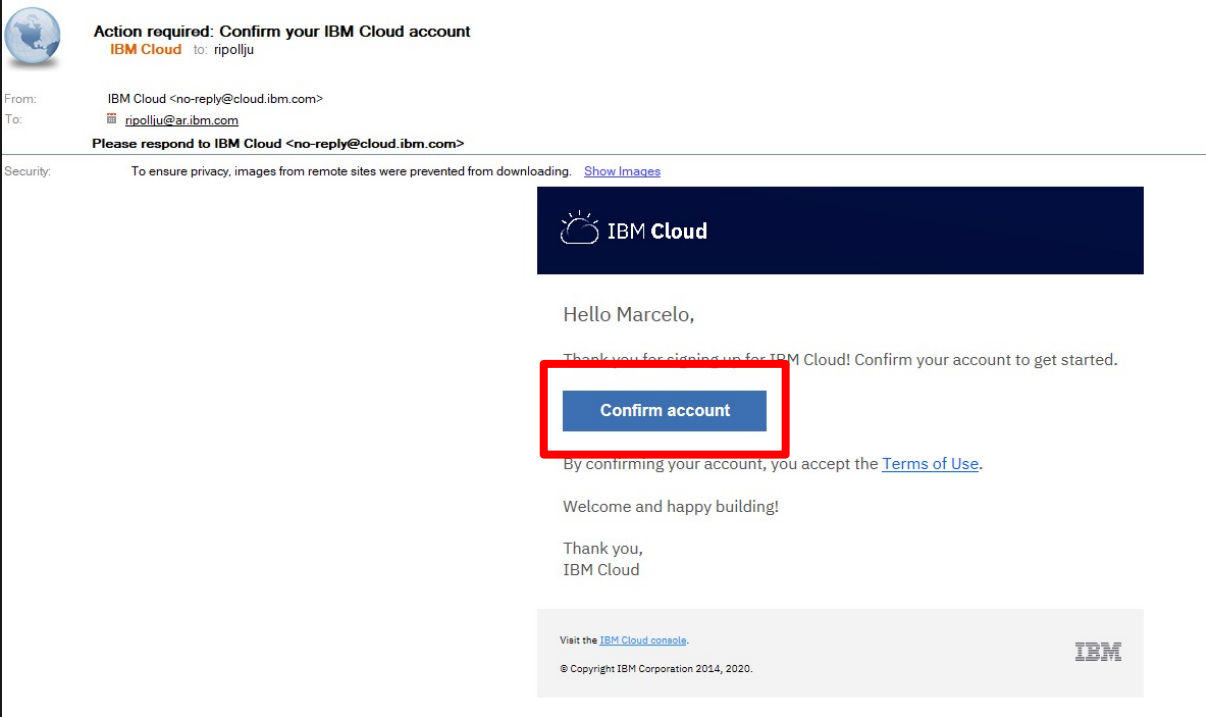
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I accept the product [Terms and Conditions](#) of this registration form.

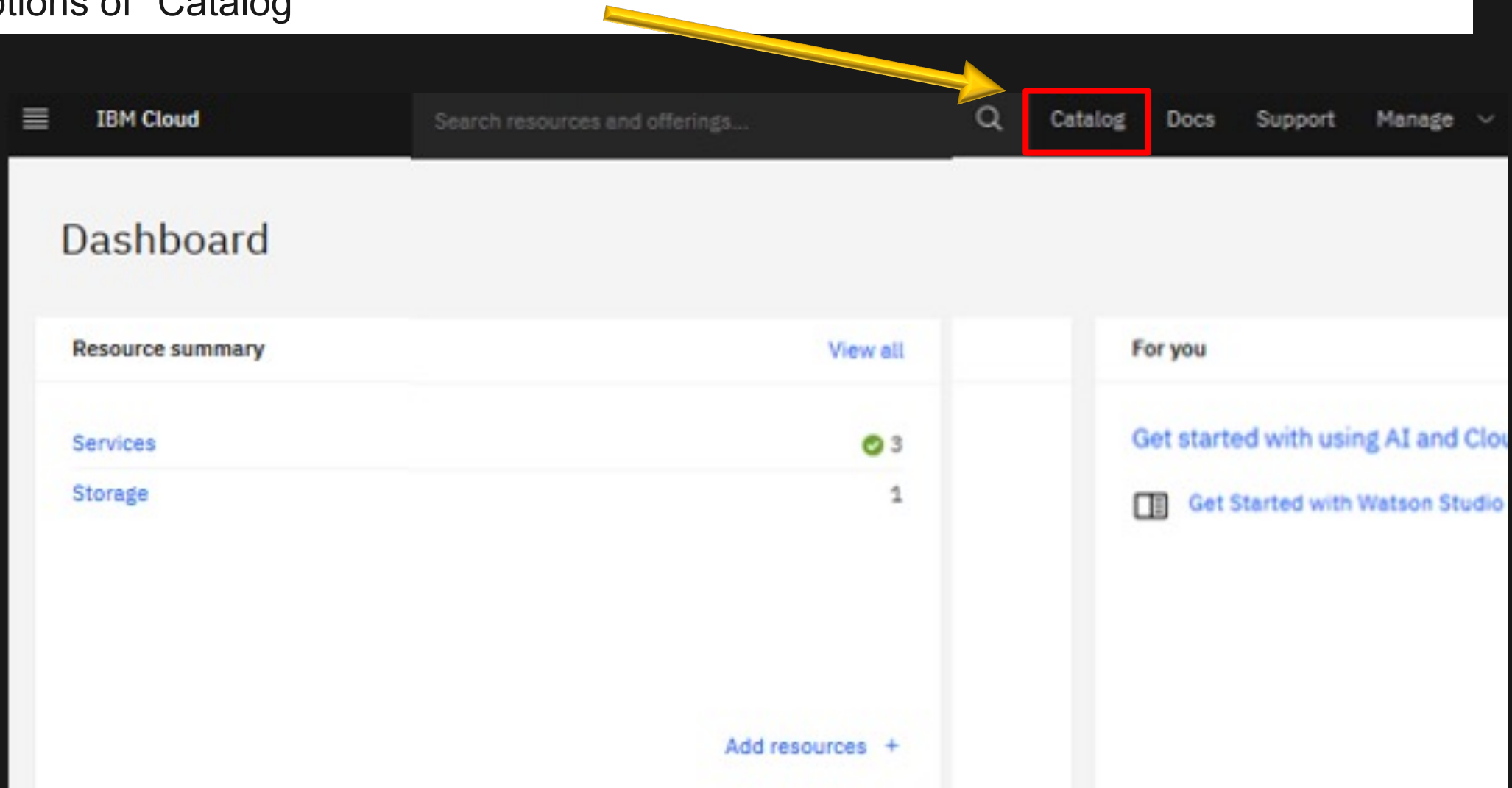
Create Account

Create User Account



Create service environment

We call "environment" the set of IBM cloud services that are selected through the options of "Catalog"



Create service environment

Go to Catalog - Write in the search: studio and select the Watson Studio service

The screenshot shows the IBM Cloud Catalog interface. On the left is a dark sidebar with navigation options: 'Catalog', 'Featured', 'Services', 'Software', 'Category' (with sub-options 'AI' and 'Analytics'), and 'Product' (with sub-option 'Services'). The main area has a search bar at the top with the text 'studio' and a magnifying glass icon. Below the search bar, it says 'Search results for 'studio' 4 results'. There are four service cards displayed in a row. The first card is 'Analytics Engine' (IBM • Services • Analytics) with a description 'Flexible framework to deploy Hadoop and Spark analytics applications.' and tags 'Services • Lite • Free • IAM-enabled • Service Endpoint Supported'. The second card is 'Knowledge Studio' (IBM • Services • AI) with a description 'Teach Watson the language of your domain.' and tags 'Services • Lite • Free • IAM-enabled'. The third card is 'Natural Language Understanding' (IBM • Services • AI) with a description 'Analyze text to extract meta-data from content such as concepts, entities, emotion, relations, sentiment and more.' and tags 'Services • Lite • Free • IAM-enabled'. The fourth card is 'Watson Studio' (IBM • Services • AI) with a description 'Embed AI and machine learning into your business. Create custom models using your own data.' and tags 'Services • Lite • Free • IAM-enabled'. This fourth card is highlighted with a red rectangular border. A large yellow arrow points from the search bar area towards the 'Watson Studio' card.

IBM Cloud

Search resources and offerings...

studio

Search results for 'studio' 4 results

Analytics Engine
IBM • Services • Analytics
Flexible framework to deploy Hadoop and Spark analytics applications.
Services • Lite • Free • IAM-enabled • Service Endpoint Supported

Knowledge Studio
IBM • Services • AI
Teach Watson the language of your domain.
Services • Lite • Free • IAM-enabled

Natural Language Understanding
IBM • Services • AI
Analyze text to extract meta-data from content such as concepts, entities, emotion, relations, sentiment and more.
Services • Lite • Free • IAM-enabled

Watson Studio
IBM • Services • AI
Embed AI and machine learning into your business. Create custom models using your own data.
Services • Lite • Free • IAM-enabled

Create service environment

IBM Cloud

Search resources and offerings...

Q

Catalog

Docs

Support

Manage

1627195 - ...

Watson Studio

Author: IBM • Date of last update: 03/10/2020 • Docs

CreateAbout

Select a region

Select a region

Dallas

Select a pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or region: United States

Plan	Features	Pricing
Lite	1 authorized user 50 capacity unit-hours monthly limit 1 free small compute environment with 1 vCPU and 4 GB RAM (does not require capacity unit-hours)	Free
Standard v1	1 authorized user + unlimited viewer collaborators 50 capacity unit-hours included monthly (additional capacity available) Unlimited elastic compute environments Capacity Type: 1 vCPU and 4 GB RAM = 0.5 capacity units required per hour Capacity Type: 2 vCPU and 8 GB RAM = 1 capacity units required per hour Capacity Type: 3 vCPU and 12 GB RAM = 1.5 capacity units required per hour Capacity Type: 4 vCPU and 16 GB RAM = 2 capacity units required per hour Capacity Type: 8 vCPU and 32 GB RAM = 4 capacity units required per hour	\$99.00 USD/Instance \$0.50 USD/Capacity Unit-Hour \$99.00 USD/Authorized User

Create

Summary

Watson Studio

Free

Region: Dallas

Plan: Lite

Service name: Watson Studio-yk

Resource group: default

Create service environment

Go to Dashboard – Watson Studio and click Get Started

The screenshot shows the IBM Cloud Watson Studio dashboard. The browser address bar displays the URL: <https://cloud.ibm.com/services/data-science-experience/crn%3Av1%3Abluemix%3Apublic%3Adata-science-experience%3Aus-south%3Aa%2Fa4f571305157b1e7eee3b73145d3be63%3Af27745dd-1>. The dashboard header includes the IBM Cloud logo and a search bar. The left sidebar lists various services: Cloud Foundry, Kubernetes, OpenShift (marked as New), VPC Infrastructure (marked as New), Classic Infrastructure, VMware, Hybrid Networking, API Management, App Development, Apple, Blockchain, DevOps, Functions, Integrate, Managed Solutions, Observability, and Schematics (marked as New). The main content area is titled 'Watson Studio-yk' and shows the resource group 'default' and location 'Dallas'. A large blue 'Get Started' button is prominently displayed in the center, highlighted by a red rectangle. Below this button, there are two sections: 'Documentation' with the text 'From getting started to how to's — see what's available.' and 'Community' with the text 'Check out our tutorials, articles, along with sample notebooks and data sets you can use to get going.' A 'FEEDBACK' button is visible on the right side of the dashboard.

Create service environment

Create a project

IBM Watson Studio

Welcome Marcelo!

Watson Studio • [Try out other IBM Watson Studio apps](#)

Start by creating a project

A project is how you organize your resources to work with data and collaborate with team members.

Create a project

Create a project, and then add the tools and assets you need.

Recently updated projects

No projects to show


You haven't made a project yet.

New project

← Back

Create a project


Create an empty project, and then add data and choose the right tools to accomplish your goals.



Create an empty project

Add the data you want to prepare, analyze, or model. Choose tools based on how you want to work: write code, create a flow on a graphical canvas, or automatically build models.

AutoAI experiment tool: Fully automated approach to building a classification or reg...



Create a project from a sample or file

Get started fast by loading existing assets. Choose a project file from your system, or choose a curated sample project.

USE TO

Prepare and visualize data
Analyze data in notebooks
Train models

USE TO

Learn by example
Build on existing work
Run tutorials

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Create service environment

Create a new project and pick the IBM Cloud plan (Lite)

IBM Watson Studio

New project

Define project details

Name

Fifa_2019_Predictives

Description

Training projects

Choose project options

☐ Restrict who can be a collaborator ⓘ

Project includes integration with [Cloud Object Storage](#) for storing project assets.

Define storage

1 Select storage service

Add

Add an object storage instance, and then return to this page and click Refresh.

2 Refresh

IBM Watson Studio

Upgrade ⓘ 1627195 - JULIO MARCEL...

Cloud Object Storage

Existing New

Cloud Object Storage

IBM Cloud Object Storage is a highly scalable cloud storage service, designed for high durability, resiliency and security. Store, manage and access your data via our self-service portal and RESTful APIs. Connect applications directly to Cloud Object Storage use other IBM Cloud Services with your data.

Features

Storage for the IBM Cloud

IBM Cloud Object Storage provides unstructured data storage for your applications. Libraries and tools support a common set of S3 APIs, making it easy to connect new applications to scalable cloud storage. Integrating your data into other services on the IBM Cloud Platform, such as IBM Watson services, IBM Cloud Object Storage is available with Single Region, Cross Region and single site resiliency options worldwide.

Storage Classes and Archive capability

Choose storage classes based on your usage patterns. Smart Tier delivers automatic cost optimization for any of your workloads especially for changing or unknown data patterns. For known usage patterns, we offer Standard, Vault and Cold Vault for active, less-active, and cold workloads respectively. For rarely used data that requires long-term retention, simply set an Archive rule with our existing storage-class tiers allowing you to reduce costs even further with our lowest priced Archive storage.

Smart Tier

Smart Tier is a new storage option that delivers automatic cost optimization for any workload especially with changing data patterns. Smart Tier has three built-in activity-based pricing tiers: hot, cool, and cold. At the end of each month, Smart Tier analyzes your monthly activity (a combination of average monthly storage, number of operations, and retrievals), and bills you at either the hot, cool, or cold rate based on the amount of storage and access.

Built-in Aspera high-speed transfer

With IBM Cloud Object Storage Aspera high-speed data transfer, you can improve data transfer performance by quickly transferring data over long distances, and under various network conditions. It is natively integrated into Cloud Object Storage and there is no additional cost for uploading data.

Access and Key Management

IBM Identity and Access Management (IAM) policies allow for granular access control at the bucket level using role-based policies. Key Protect support allows customers to have their own managed encryption keys for higher level data security.

Pricing Plan: Monthly Process shown above reflect the: United States

PLAN	FEATURES	PRICING
<input checked="" type="radio"/> Lite	<div>1 COS Service Instance</div> <div>Storage up to 25 GB/mo.</div> <div>Up to 20,000 GET requests/mo.</div> <div>Up to 2,000 PUT requests/mo.</div> <div>Up to Data Retrieval 10 GB/mo.</div> <div>Up to 5GB Public Outbound</div> <div>Applies to aggregate total across all storage bucket classes</div>	Free
<input type="radio"/> Standard	<div>There is no minimum fee, so you pay only for what you use.</div>	<div>Expand each section to view details</div>

The Lite service plan for Cloud Object Storage includes Regional and Cross Regional resiliency, flexible data classes, and built in security.

Create

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Create service environment

User, Watson Studio Instance, Storage and created projects



The screenshot displays the IBM Watson Studio web interface. The top navigation bar includes the IBM Watson Studio logo, an 'Upgrade' button, a notification bell, and the user profile '1627195 - JULIO MARCEL...'. Below the navigation bar, the breadcrumb path 'My projects / Fifa_2019_Predictives' is shown. The main content area features a sidebar on the left with tabs for 'Overview', 'Assets', 'Environments', 'Jobs', 'Deployments', 'Access Control', and 'Settings'. The 'Overview' tab is selected and highlighted with a red box. This sidebar contains the project name 'Fifa_2019_Predictives', its last update date '16 Mar, 2020', a 'Readme' link, and sections for 'Overview' (including 'Date created', 'Description', 'Training projects', and 'Storage' showing 'Cloud Object Storage' with '0 Byte used'), 'Collaborators' (listing 'JULIO MARCELO RIPOLL' as 'Admin'), and a 'Readme' section. The main area on the right shows '0 Assets' and '1 Collaborators'. A 'Recent activity' section is present but empty, with a message: 'Alerts related to this project appear here when the project is active.' At the bottom, there is a text box for documentation with a link to the 'Markdown cheatsheet' and a 'Back to top' link.

Upload Notebook

IBM Watson Studio

All

Search

Upgrade

saishruthi swaminathan's ...

SS

Projects / Data Science Demo

OverviewAssetsEnvironmentsJobsAccess controlSettings

What assets are you looking for?

▼ Data assets

Name	Type	Created by	Last modified
------	------	------------	---------------

Data

LoadFilesCatalog

Drop files here or [browse](#) for files to upload.

Choose asset type

Available asset types

Data

Connection

Connected data

AutoAI experiment

Notebook

Dashboard

Visual Recognition m...

Natural Language Cla...

Model from file

Federated Learning e...

Deep learning experi...

Modeler flow

Data Refinery flow

Decision Optimizatio...

Pipeline

Notebook

Run small pieces of code to process your data and immediately view the results.

Upload Notebook – Using URL

IBM Watson Studio

All

Search

Upgrade

saishruthi swaminathan's ...

SS

New notebook

Blank

From file

From URL

Name

Data Science Pipeline

Description (optional)

Type your description here

Select runtime

Default Python 3.7 S (4 vCPU 16 GB RAM)

The selected runtime has 4 vCPU and 16 GB RAM.
It consumes 2 capacity units per hour.
[Learn more](#) about capacity unit hours and Watson Studio pricing plans.

Notebook URL

https://github.com/gdequeiroz/rbc-explainability-with-python/blob/main/notebooks/Data_Science_Pipeline

Upload Notebook – Using URL

IBM Watson Studio

All

Search

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SS

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